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CLAIMS

Please cancel claims 6-11 without prejudice or disclaimer as to the subject matter thereof.

1. (previously presented) A system for representing parameter constraints governing values of interrelated operating parameters of an implantable medical device when one or more of the parameters is changed, the system comprising:
a plurality of interrelated operating parameters of an implantable medical device;

a plurality of displays corresponding to said plurality of interrelated operating parameters, having a range of values represented by a dimension in the displays; and

means for maintaining said interrelated operating parameters when one or more of said plurality of displays manifests a change in value.

2. (previously presented) A system according to claim 1 wherein said plurality of interrelated operating parameters maintain a mathematical relationship with one another.

3. (currently amended) A system according to claim 1 wherein said interrelated operating parameters define an operationally stable performance envelope for the implantable medical device and wherein upon the adjustment of one of said plurality of interrelated operating parameters at least one other parameter of said interrelated operating parameters is modified.

4. (currently amended) A system according to claim 2 wherein a plurality of programmable constraints preserves the relationship by causing said plurality of interrelated operating parameters to consistently respond to a change in one of said plurality of interrelated operating parameters.

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5. (previously presented) The system of claim 1 wherein a change in a constrained parameters causes at least one other constraining parameter to charge.

6.-12. (canceled)